Freshwater Stream Neches River Basin Total size: 30.4 Miles Status of Use # of # of Assessment Location Year Assessment Method **Support or Concern** Location samples exceedances Mean size **Aquatic Life Use** 2002 Dissolved Oxygen grab average No Concern Confluence with Grassy Lake area 9.2 21 0 2002 Dissolved Oxygen grab average Not Assessed County road near Happy Valley to Wotten Creek 6.1 1 0 2002 Dissolved Oxygen grab average Not Assessed Grassy Lake area to county road near Happy Valley 0 8.1 8 2002 Dissolved Oxygen grab average Wotten Creek to headwaters 0 Not Assess-Not 7 6 Represent 2002 Dissolved Oxygen grab minimum 0 Fully Supporting Confluence with Grassy Lake area 9.2 21 2002 Dissolved Oxygen grab minimum County road near Happy Valley to Wotten Creek 0 Not Assessed 6.1 1 2002 Dissolved Oxygen grab minimum No Concern-Limited Grassy Lake area to county road near Happy Valley 0 8.1 8 Data 2002 Dissolved Oxygen grab minimum Not Assess-Not Wotten Creek to headwaters 7 0 6 Represent 2002 Dissolved Oxygen 24hr average Not Assessed Confluence with Grassy Lake area 9.2 0 2002 Dissolved Oxygen 24hr average Not Assessed County road near Happy Valley to Wotten Creek 6.1 0 2002 Dissolved Oxygen 24hr average Not Assessed Grassy Lake area to county road near Happy Valley 8.1 0 2002 Dissolved Oxygen 24hr average Not Assessed Wotten Creek to headwaters 7 0 2002 Dissolved Oxygen 24hr minimum Not Assessed Confluence with Grassy Lake area 9.2 0 2002 Dissolved Oxygen 24hr minimum Not Assessed County road near Happy Valley to Wotten Creek 6.1 0 2002 Dissolved Oxygen 24hr minimum Not Assessed Grassy Lake area to county road near Happy Valley 8.1 0 2002 Dissolved Oxygen 24hr minimum 7 0 Not Assessed Wotten Creek to headwaters 2004 Acute Metals in water Lead 0 Not Assessed Confluence with Grassy Lake area 9.2 1 2004 Acute Metals in water Lead Not Assessed County road near Happy Valley to Wotten Creek 6.1 0 2004 Acute Metals in water Lead 0 No Concern-Limited Grassy Lake area to county road near Happy Valley 8.1 6 Data 2004 Acute Metals in water Lead Not Assessed Wotten Creek to headwaters 7 0 2004 0.272 Chronic Metals in water Lead Not Assessed Confluence with Grassy Lake area 9.2 1

Freshwater Stream		Neches Rive	r Basin Total size:		30.4	Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life U	Use (continued)						
2004	Chronic Metals in water Lead	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2004	Chronic Metals in water Lead	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6		0.27
2004	Chronic Metals in water Lead	Not Assessed	Wotten Creek to headwaters	7	0		
2004	Overall Aquatic Life Use	Fully Supporting	Confluence with Grassy Lake area	9.2			
2004	Overall Aquatic Life Use	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2004	Overall Aquatic Life Use	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2004	Overall Aquatic Life Use	Not Assessed	Wotten Creek to headwaters	7			
Contact Recro	eation Use						
2002	E. coli single sample	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	E. coli single sample	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2002	E. coli single sample	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	1	0	
2002	E. coli single sample	Not Assessed	Wotten Creek to headwaters	7	0		
2002	E. coli geometric mean	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	E. coli geometric mean	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2002	E. coli geometric mean	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1	1		5
2002	E. coli geometric mean	Not Assessed	Wotten Creek to headwaters	7	0		
2002	Fecal coliform single sample	Fully Supporting	Confluence with Grassy Lake area	9.2	20	4	
2002	Fecal coliform single sample	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	1	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6	0	
2002	Fecal coliform single sample	Not Assess-Not Represent	Wotten Creek to headwaters	7	6	0	
2002	Fecal coliform geometric mean	Not Supporting	Confluence with Grassy Lake area	9.2	20		212

Freshwater Stream		Neches Rive	er Basin Total size:	Total size:		30.4 Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recre	eation Use (continued)						
2002	Fecal coliform geometric mean	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	1		4
2002	Fecal coliform geometric mean	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6		110
2002	Fecal coliform geometric mean	Not Assess-Not Represent	Wotten Creek to headwaters	7	6		210
2002	Overall Recreation Use	Not Supporting	Confluence with Grassy Lake area	9.2			
2002	Overall Recreation Use	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2002	Overall Recreation Use	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2002	Overall Recreation Use	Not Assessed	Wotten Creek to headwaters	7			
Fish Consump	otion Use						,
2004	Human Health Criteria Lead	Not Assessed	Confluence with Grassy Lake area	9.2	1		0.272
2004	Human Health Criteria Lead	Not Assessed	County road near Happy Valley to Wotten Creek	6.1	0		
2004	Human Health Criteria Lead	No Concern-Limited Data	Grassy Lake area to county road near Happy Valley	8.1	6		0.272
2004	Human Health Criteria Lead	Not Assessed	Wotten Creek to headwaters	7	0		
2004	Overall Fish Consumption Use	Not Assessed	Confluence with Grassy Lake area	9.2			
2004	Overall Fish Consumption Use	Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2004	Overall Fish Consumption Use	Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2004	Overall Fish Consumption Use	Not Assessed	Wotten Creek to headwaters	7			
Overall Use Si	upport			1		1	
2004		Not Supporting	Confluence with Grassy Lake area	9.2			
2004		Not Assessed	County road near Happy Valley to Wotten Creek	6.1			
2004		Not Assessed	Grassy Lake area to county road near Happy Valley	8.1			
2004		Not Assessed	Wotten Creek to headwaters	7			

Freshwater Stream **Neches River Basin** Total size: 30.4 Miles Status of Use # of # of Assessment Location Year Assessment Method **Support or Concern** Location samples exceedances | Mean size **Nutrient Enrichment Concern** 2002 Ammonia Nitrogen No Concern Confluence with Grassy Lake area 9.2 15 1 2002 Ammonia Nitrogen Not Assessed County road near Happy Valley to Wotten Creek 2 0 6.1 2002 Ammonia Nitrogen 0 Not Assessed Grassy Lake area to county road near Happy Valley 8 8.1 2002 Ammonia Nitrogen 7 5 0 Not Assess-Not Wotten Creek to headwaters Represent 2002 Nitrite + Nitrate Nitrogen 0 No Concern Confluence with Grassy Lake area 9.2 14 2002 Nitrite + Nitrate Nitrogen 2 0 Not Assessed County road near Happy Valley to Wotten Creek 6.1 2002 Grassy Lake area to county road near Happy Valley 0 Nitrite + Nitrate Nitrogen Not Assessed 8.1 8 2002 0 Nitrite + Nitrate Nitrogen Not Assess-Not Wotten Creek to headwaters 7 6 Represent 2002 Orthophosphorus 0 Not Assessed Confluence with Grassy Lake area 9.2 4 2002 Orthophosphorus 2 0 Not Assessed County road near Happy Valley to Wotten Creek 6.1 2002 Orthophosphorus 0 2 Not Assessed Grassy Lake area to county road near Happy Valley 8.1 2002 Orthophosphorus Not Assessed Wotten Creek to headwaters 7 0 2002 Total Phosphorus 2 Not Assessed Confluence with Grassy Lake area 9.2 7 2002 Total Phosphorus Not Assessed County road near Happy Valley to Wotten Creek 2 0 6.1 2002 Total Phosphorus Not Assessed Grassy Lake area to county road near Happy Valley 8.1 5 2002 Total Phosphorus Not Assess-Not Wotten Creek to headwaters 7 3 1 Represent 2002 Overall Nutrient Enrichment No Concern Confluence with Grassy Lake area 9.2 Concerns 2002 Overall Nutrient Enrichment Not Assessed County road near Happy Valley to Wotten Creek 6.1 Concerns 2002 Overall Nutrient Enrichment Not Assessed Grassy Lake area to county road near Happy Valley 8.1 Concerns

Freshwater Stream		Neches Rive	er Basin Total size:	Total size:		30.4 Miles	
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enric	chment Concern (continued)						
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Wotten Creek to headwaters	7			
Algal Growth	Concern						
2002	Chlorophyll a	Not Assessed	Confluence with Grassy Lake area	9.2	0		
2002	Chlorophyll a	Not Assessed	County road near Happy Valley to Wotten Cre	eek 6.1	2	0	
2002	Chlorophyll a	Not Assessed	Grassy Lake area to county road near Happy V	alley 8.1	2	0	
2002	Chlorophyll a	Not Assessed	Wotten Creek to headwaters	7	0		
Sediment Con	taminants Concern			<u>,</u>			
2002	85% Metals in sediment Manganese	Not Assessed	Confluence with Grassy Lake area	9.2	2	1	
2002	85% Metals in sediment Zinc	Not Assessed	Confluence with Grassy Lake area	9.2	2	1	
2002	Overall Sediment Contaminant Concerns	Not Assessed	Confluence with Grassy Lake area	9.2			
2002	Overall Sediment Contaminant Concerns	Not Assessed	County road near Happy Valley to Wotten Cre	eek 6.1			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Grassy Lake area to county road near Happy V	alley 8.1			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Wotten Creek to headwaters	7			
Fish Tissue Co	ontaminants Concern						
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Confluence with Grassy Lake area	9.2			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	County road near Happy Valley to Wotten Cre	eek 6.1			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Grassy Lake area to county road near Happy V	alley 8.1			

2002

2002

No Concern

No Concern

Page: 6

Segment ID:	0611A Water body i	name: East Fork	Angelina River (unclassified water body	·)			
Freshwater Stream		Neches Rive	Neches River Basin Total size:		30.4 Miles		
Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Co	ontaminants Concern (continu	ied)					
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Wotten Creek to headwaters	7			
Narrative Cri	teria Concern						
2002	Overall Narrative Criteria Concerns	No Concern	Confluence with Grassy Lake area	9.2			
2002	Overall Narrative Criteria Concerns	No Concern	County road near Happy Valley to Wotten Creek	6.1			
2002	Overall Narrative Criteria Concerns	No Concern	Grassy Lake area to county road near Happy Valley	8.1			
2002	Overall Narrative Criteria Concerns	No Concern	Wotten Creek to headwaters	7			
Overall Secon	dary Concern			I		1	ı
2002		No Concern	Confluence with Grassy Lake area	9.2			
2002		No Concern	County road near Happy Valley to Wotten Creek	6.1			

Grassy Lake area to county road near Happy Valley

Wotten Creek to headwaters

8.1

7